

Washington State: Implementation Strategy

Washington's nutrient control strategy

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Nutrient/Nonpoint Strategy

- **Doing—not planning.**
 - Identify nonpoint pollution problems—
Site specific conditions.
 - Implementation—Suites of BMPs that are recommended by Ecology.
- State law—Enforceable State Mechanism to Control Nonpoint Pollution.

Straight to Implementation (STI)

- Projects not plans.
- Supported by internal work plans—Required Elements:
 - Identification of the watershed, the polluted segments, and the pollutants to be addressed by the work plan.
 - Identification of the causes and sources of pollution in the watershed. (focus on land-uses)
 - **A description of the nonpoint source management measures that will be implemented** to achieve load reductions, and a description of the critical areas in which those measures will be needed.

STI Elements—Continued

- An estimate of the load reductions expected from management measures.
- An estimate of the amounts of technical and financial assistance needed, associated costs, **the sources and authorities**, and a strategy for implementing the work plan.
- An information and education component.
- A schedule for implementing the nonpoint measures identified in the work plan that ensures compliance will be achieved within 10 years

STI Elements—Continued

- A description of interim, measureable milestones for determining whether management measures are being implemented; milestones will be set at 2-year intervals to simplify possible placement in Category 4b.
- A set of criteria that can be used to determine whether load reductions are being achieved over time and substantial progress is being made toward attaining water quality standards.
- A monitoring component to evaluate the effectiveness of the implementation efforts over time, including identification of the types of monitoring, the parties responsible for conducting the monitoring, a reporting schedule for results, and a schedule for monitoring. Effectiveness Monitoring will be completed as described in the manual “Effectiveness Monitoring Guidance.”





























Water Pollution Control Act

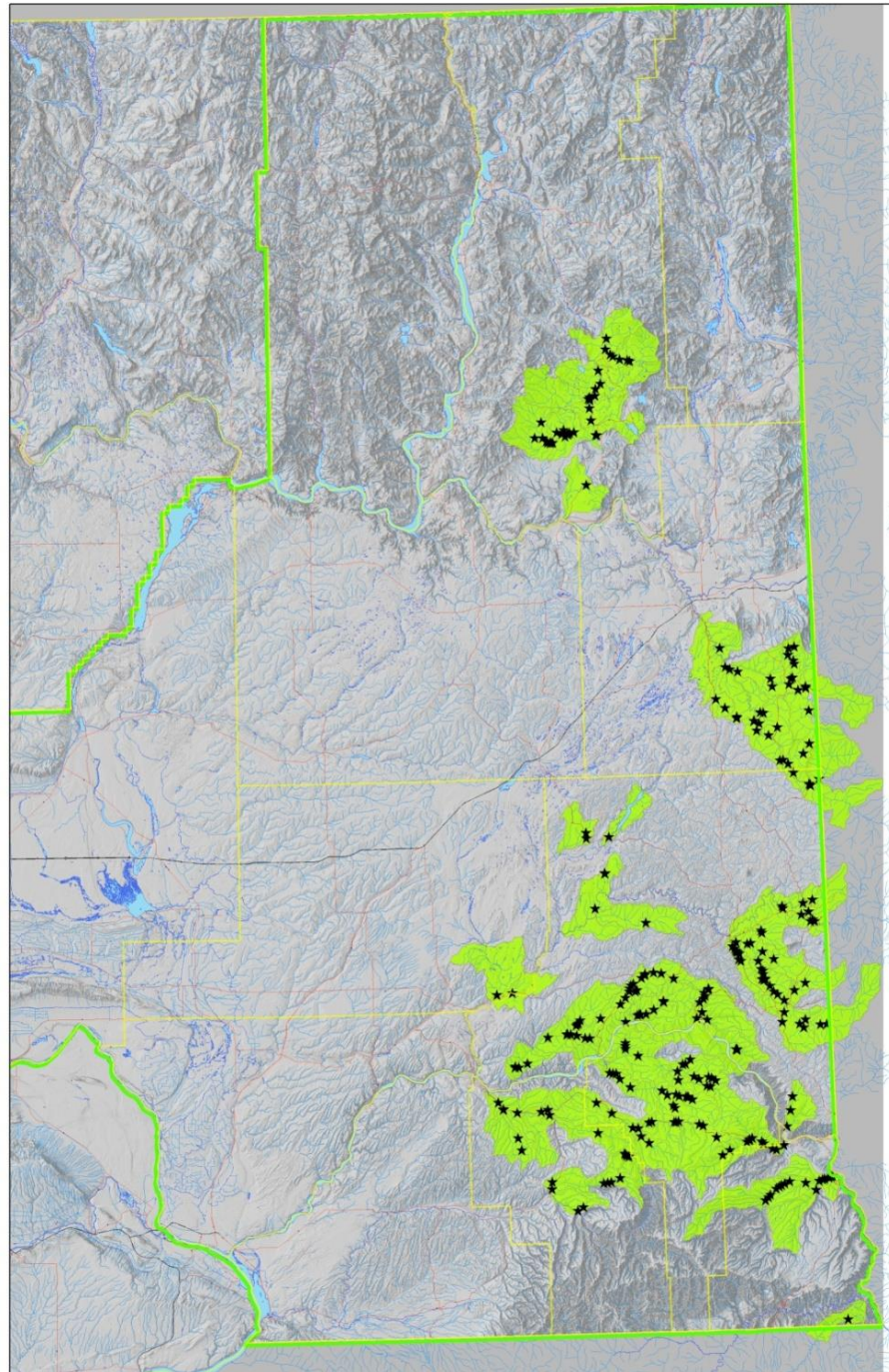
- Chapter RCW90.48.080
 - In Washington State it is "unlawful for any person to throw, drain, run, or otherwise discharge into any of the waters of this state, or to cause, permit or suffer to be thrown, drained, allowed to seep or otherwise discharge into such waters any organic or inorganic matter that shall cause or tend to cause pollution..."
- Chapter RCW90.48.120
 - "Whenever, in the opinion of the department, any person shall violate or creates a substantial potential to violate the provisions of this chapter.....the department shall issue such order or directive as it deems appropriate under the circumstances, and shall notify such person thereof by registered mail."

General Process—Field Work

- ❑ Select Watersheds
- ❑ Coordinate with Willing Partners
- ❑ Perform Watershed Evaluations
- ❑ Contact Individual Landowners
- ❑ Provide Technical and Financial Assistance
 - But clearly communicate the responsibility to comply with State Law
- ❑ **Implement Practices**
- ❑ Enforce as a last resort

2013 ERO Livestock WQ Problem Sites

- 270+ sites – lots of region not assessed
 - 10 days in the field
- Months of work in office organizing data, identifying ownership, scoring sites, etc.



Identifying Sites of Concern

Field

Office

Site Folders:

- File Notes
- Photos
- Score Sheet, etc.

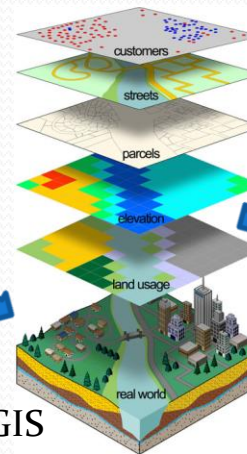
Standard Operating Procedures

[illegible]

Geotag Photos



Sync Date & Time



Database:

- Location
- Owner
- Problems
- Staff Assigned
- Follow up, etc.

Photos

PIMS

ERO Watershed Evaluation Field Data Sheet (Ver. 2 - 4/1/2013)			Evaluating Staff		Date
SPEW	Water Body	Subsidiary Condition	Receptor Code	Observations	Photo Number(s)
1	Newark Reservoir	✓	1	2. No new ground(s) used	
		✓		3. Contaminated runoff (acid or petroleum) dumping into streams and creeks	
		✓		4. Dumping of garbage	
		✓		5. Dumping of manure, sewage, vegetation	
		✓		6. Contaminated sediments to surface water	
2	Newark Reservoir	✓	1	7. Contaminated paths and trails to riparian area	
		✓		8. Other	
		✓		9. New ground(s) used	
		✓		10. Contaminated runoff (acid or petroleum) dumping into streams and creeks	
		✓		11. Dumping of garbage	
3	Newark Reservoir	✓	1	12. Dumping of manure, sewage, vegetation	
		✓		13. Dumping of petroleum	
		✓		14. Dumping of manure, sewage, vegetation	
		✓		15. Dumping of petroleum	
		✓		16. Contaminated paths and trails to riparian area	
4	Newark Reservoir	✓	1	17. Contaminated paths and trails to riparian area	
		✓		18. Other	
		✓		19. New ground(s) used	
		✓		20. Contaminated runoff (acid or petroleum) dumping into streams and creeks	
		✓		21. Dumping of garbage	
5	Newark Reservoir	✓	1	22. Dumping of manure, sewage, vegetation	
		✓		23. Dumping of petroleum	
		✓		24. Dumping of manure, sewage, vegetation	
		✓		25. Dumping of petroleum	
		✓		26. Contaminated paths and trails to riparian area	
6	Newark Reservoir	✓	1	27. Contaminated paths and trails to riparian area	
		✓		28. Other	
		✓		29. New ground(s) used	
		✓		30. Contaminated runoff (acid or petroleum) dumping into streams and creeks	
		✓		31. Dumping of garbage	
7	Newark Reservoir	✓	1	32. Dumping of manure, sewage, vegetation	
		✓		33. Dumping of petroleum	
		✓		34. Dumping of manure, sewage, vegetation	
		✓		35. Dumping of petroleum	
		✓		36. Contaminated paths and trails to riparian area	

Receptor Codes: 1 = Functional Buffer; 2 = 100 ft CFS Buffer; 3 = 100 ft Buffer; 4 = No Buffer

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Field Data Sheet

Questions?

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